

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019847.D
 Acq On : 10 Apr 2019 02:41
 Operator : JU/SJ
 Sample : K2304-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC51

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.116	19	22	30	rVB	29029	44622	1.98%	0.200%
2	3.628	105	109	114	rVV3	9227	14812	0.66%	0.066%
3	3.810	138	140	144	rVB2	6353	6784	0.30%	0.030%
4	3.875	150	151	153	rBV2	3099	2583	0.11%	0.012%
5	4.698	289	291	292	rBV2	4560	3225	0.14%	0.014%
6	6.751	634	640	658	rBV	159706	369514	16.43%	1.656%
7	6.910	662	667	683	rBV	151057	303014	13.48%	1.358%
8	7.092	692	698	710	rBV	249896	420731	18.71%	1.885%
9	7.551	770	776	786	rBV	538783	894734	39.79%	4.009%
10	7.628	786	789	797	rVB3	9252	17209	0.77%	0.077%
11	7.904	833	836	839	rBV4	1353	2263	0.10%	0.010%
12	8.281	894	900	919	rBV	174093	372238	16.55%	1.668%
13	8.733	970	977	990	rBV	184734	362802	16.14%	1.626%
14	8.822	990	992	997	rVB4	2022	2470	0.11%	0.011%
15	9.039	1024	1029	1035	rVB	10163	14571	0.65%	0.065%
16	9.445	1091	1098	1114	rBV	153394	303422	13.49%	1.360%
17	9.686	1134	1139	1142	rBV2	1707	2428	0.11%	0.011%
18	9.986	1183	1190	1215	rBV	159424	417478	18.57%	1.871%
19	10.163	1218	1220	1224	rVB5	1750	2423	0.11%	0.011%
20	10.333	1241	1249	1262	rBV	694604	1162773	51.71%	5.211%
21	10.516	1274	1280	1295	rBV2	104584	309254	13.75%	1.386%
22	13.004	1700	1703	1706	rBV	2191	2432	0.11%	0.011%
23	13.639	1805	1811	1816	rBV	411158	614474	27.33%	2.754%
24	13.692	1816	1820	1828	rVB	106643	173460	7.71%	0.777%
25	13.910	1850	1857	1873	rBV	507159	738841	32.86%	3.311%
26	14.098	1884	1889	1890	rBV2	3202	3194	0.14%	0.014%
27	14.139	1891	1896	1902	rVV4	8936	21297	0.95%	0.095%
28	14.215	1903	1909	1922	rVB2	928582	1432674	63.72%	6.420%
29	14.527	1956	1962	1971	rBV3	41089	129407	5.76%	0.580%
30	14.651	1979	1983	1991	rVB3	23402	36464	1.62%	0.163%
31	14.704	1991	1992	1999	rVB5	3430	5805	0.26%	0.026%
32	15.062	2048	2053	2056	rBV3	6204	9090	0.40%	0.041%
33	15.221	2074	2080	2089	rBV	619498	942026	41.90%	4.221%
34	15.292	2089	2092	2096	rVB4	4207	6062	0.27%	0.027%

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35	15.386	2104	2108	2118	rBV2	113699	199347	8.87%	0.893%
36	15.462	2120	2121	2128	rVB4	10427	10047	0.45%	0.045%
37	15.533	2128	2133	2134	rBV2	3913	5494	0.24%	0.025%
38	15.921	2193	2199	2208	rBV8	11021	33511	1.49%	0.150%
39	16.109	2226	2231	2232	rBV4	3455	5039	0.22%	0.023%
40	16.157	2237	2239	2244	rVB	2983	4493	0.20%	0.020%
41	16.327	2266	2268	2271	rVB2	2431	2315	0.10%	0.010%
42	16.386	2274	2278	2283	rBV2	15576	25330	1.13%	0.114%
43	16.533	2299	2303	2306	rVB5	3724	4849	0.22%	0.022%
44	16.580	2306	2311	2315	rBV	19285	23978	1.07%	0.107%
45	16.715	2332	2334	2337	rBV3	3951	5098	0.23%	0.023%
46	16.756	2340	2341	2342	rVV	3905	2515	0.11%	0.011%
47	16.774	2342	2344	2346	rVB3	4630	4074	0.18%	0.018%
48	16.874	2359	2361	2369	rBV4	3991	6551	0.29%	0.029%
49	16.980	2373	2379	2386	rVV	1150420	1593087	70.85%	7.139%
50	17.080	2390	2396	2406	rVV	637626	933337	41.51%	4.182%
51	17.151	2406	2408	2410	rVV2	6445	7193	0.32%	0.032%
52	17.180	2410	2413	2418	rVB3	7117	10303	0.46%	0.046%
53	17.262	2425	2427	2431	rBV4	3315	3914	0.17%	0.018%
54	17.362	2440	2444	2447	rBV5	4007	7035	0.31%	0.032%
55	17.421	2450	2454	2455	rBV4	3472	3352	0.15%	0.015%
56	17.451	2457	2459	2466	rVB7	5280	7689	0.34%	0.034%
57	17.527	2469	2472	2476	rBV6	5159	5825	0.26%	0.026%
58	17.580	2480	2481	2484	rBV2	4426	5078	0.23%	0.023%
59	17.639	2489	2491	2494	rVB4	3465	3503	0.16%	0.016%
60	17.662	2494	2495	2499	rVB3	3595	3721	0.17%	0.017%
61	17.698	2499	2501	2503	rBV3	2265	2531	0.11%	0.011%
62	17.721	2503	2505	2506	rBV2	3665	3303	0.15%	0.015%
63	17.745	2506	2509	2512	rBV4	9084	13444	0.60%	0.060%
64	17.815	2519	2521	2525	rVB5	4790	5429	0.24%	0.024%
65	17.874	2525	2531	2540	rBV	218342	362122	16.10%	1.623%
66	17.945	2541	2543	2550	rVB	22283	35126	1.56%	0.157%
67	18.056	2560	2562	2568	rVB7	4954	5981	0.27%	0.027%
68	18.245	2592	2594	2595	rBV	2923	2453	0.11%	0.011%
69	18.374	2614	2616	2619	rVB4	3476	3277	0.15%	0.015%
70	18.550	2644	2646	2647	rBV2	4577	3093	0.14%	0.014%
71	18.592	2649	2653	2659	rVV	18724	31725	1.41%	0.142%

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72	18.674	2663	2667	2669	rBV5	4264	6327	0.28%	0.028%
73	18.698	2669	2671	2672	rBV2	4656	3131	0.14%	0.014%
74	18.797	2685	2688	2694	rBV8	4679	9087	0.40%	0.041%
75	19.056	2727	2732	2739	rVB2	27576	58100	2.58%	0.260%
76	19.162	2746	2750	2759	rBV	132203	214379	9.53%	0.961%
77	19.392	2783	2789	2797	rBV	796736	1149952	51.14%	5.153%
78	19.627	2825	2829	2833	rBV	74149	91356	4.06%	0.409%
79	19.721	2842	2845	2849	rBV3	25234	31302	1.39%	0.140%
80	19.762	2849	2852	2855	rVB3	31409	35415	1.58%	0.159%
81	20.380	2953	2957	2961	rBV	427587	458365	20.39%	2.054%
82	20.886	3038	3043	3049	rBV2	259467	414895	18.45%	1.859%
83	21.091	3075	3078	3082	rBV	117088	119049	5.29%	0.533%
84	21.191	3090	3095	3100	rBV	1545711	1970638	87.64%	8.831%
85	21.397	3127	3130	3134	rVB	117327	121304	5.39%	0.544%
86	21.744	3186	3189	3192	rBV2	114522	133527	5.94%	0.598%
87	22.191	3262	3265	3273	rVB2	172995	245102	10.90%	1.098%
88	22.680	3345	3348	3354	rVB	201755	293485	13.05%	1.315%
89	23.250	3438	3445	3454	rVB3	739086	1638927	72.89%	7.344%
90	23.391	3463	3469	3479	rVB	1203399	2248523	100.00%	10.076%
91	23.850	3543	3547	3554	rVB	309375	542824	24.14%	2.433%

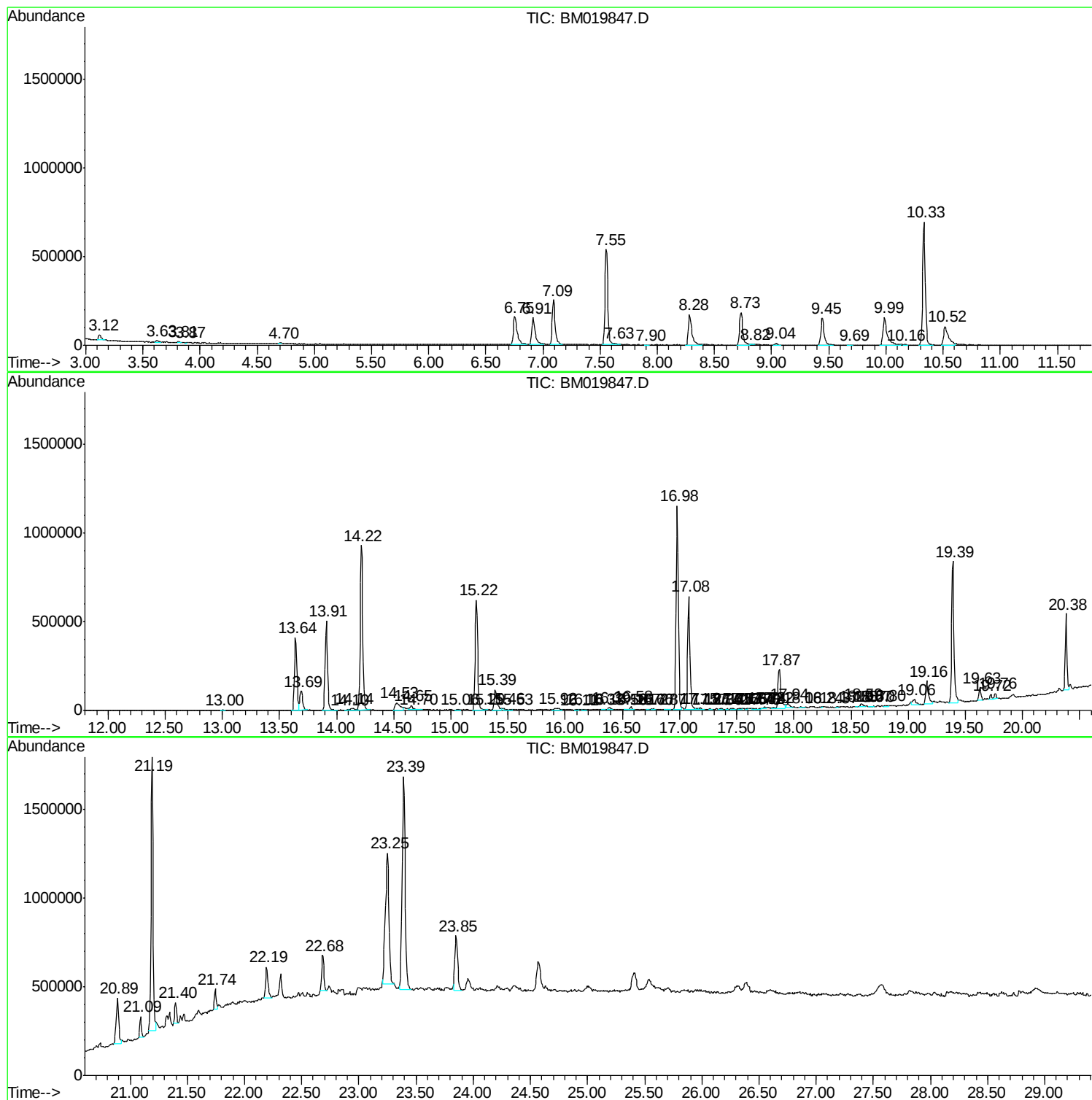
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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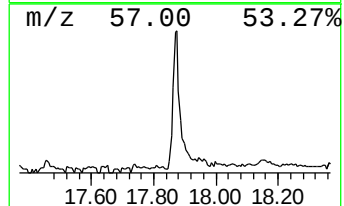
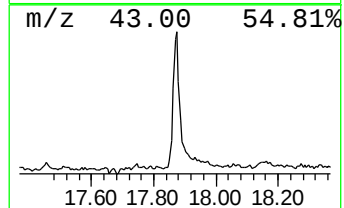
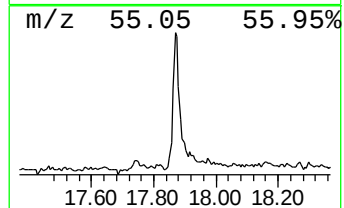
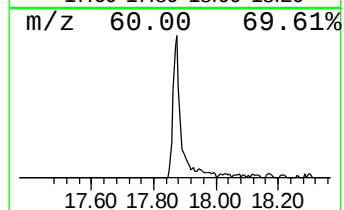
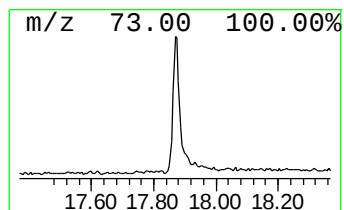
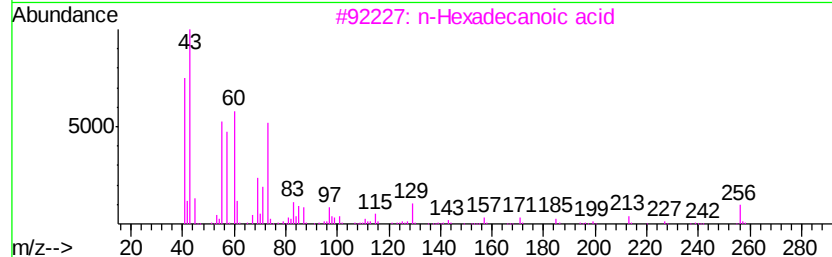
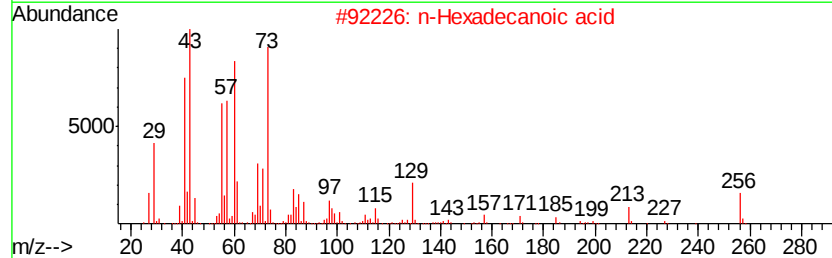
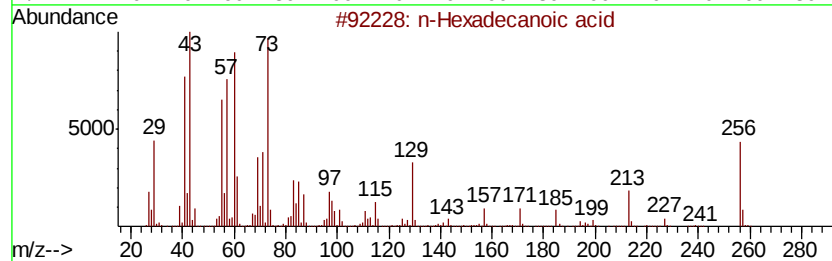
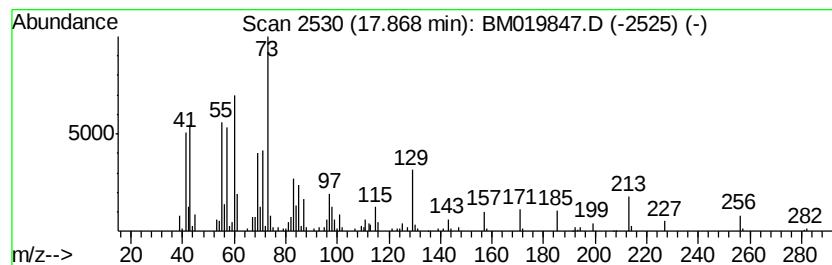
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.55 ng/ul	362122	Phenanthrene-d10	16.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	94
4	Tridecanoic acid	214 C13H26O2	000638-53-9	91
5	Tetradecanoic acid	228 C14H28O2	000544-63-8	72



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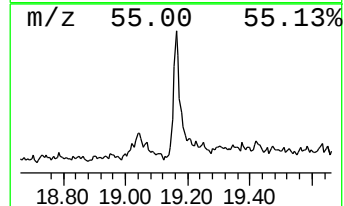
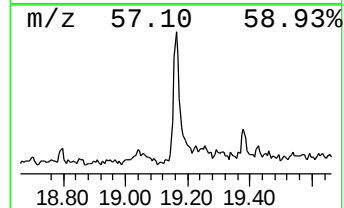
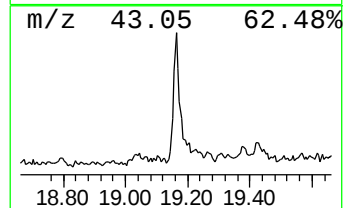
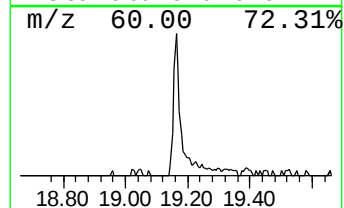
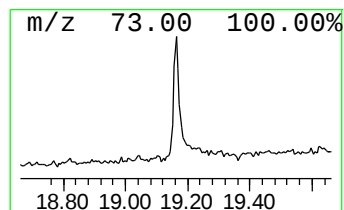
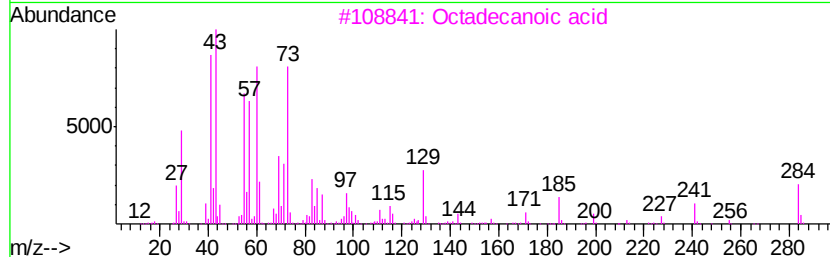
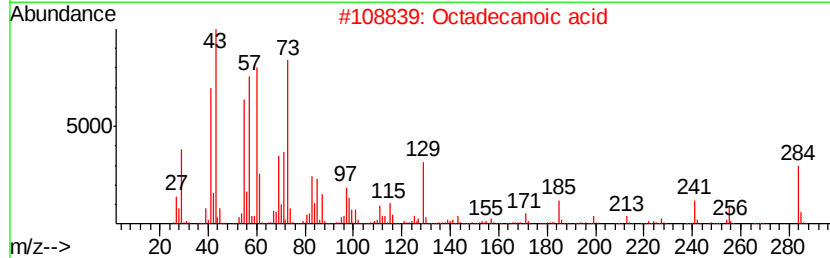
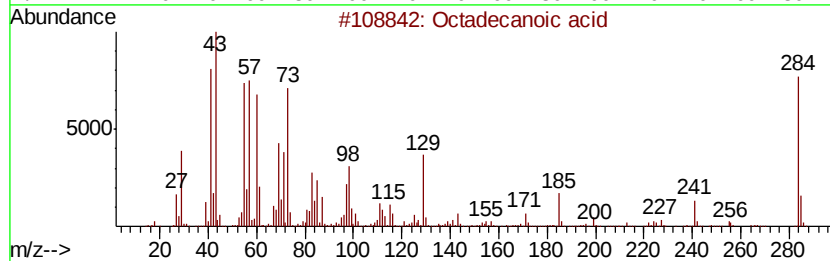
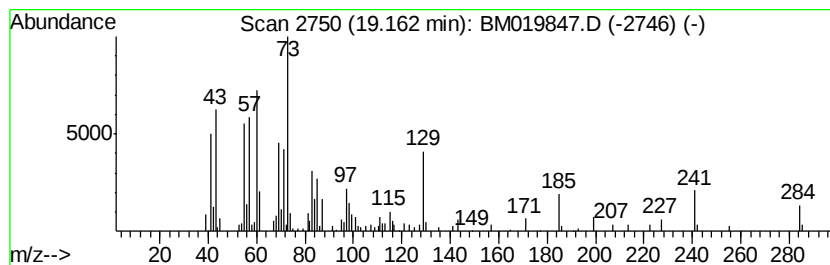
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.18 ng/ul	214379	Chrysene-d12	21.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4 93
2	Octadecanoic acid	284	C18H36O2	000057-11-4 81
3	Octadecanoic acid	284	C18H36O2	000057-11-4 76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2 74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2 74



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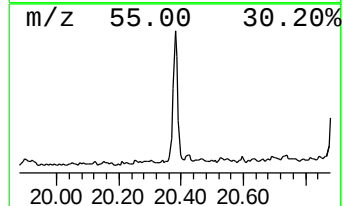
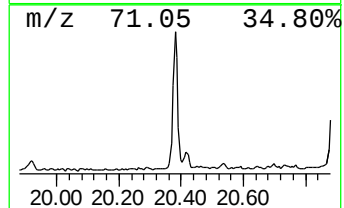
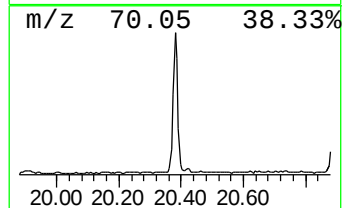
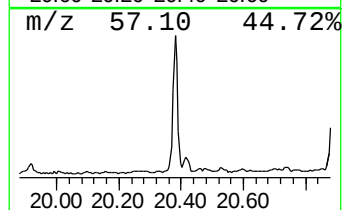
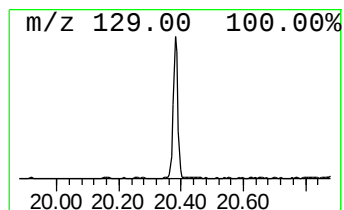
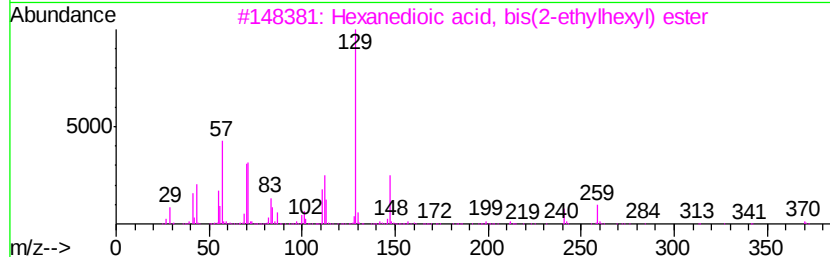
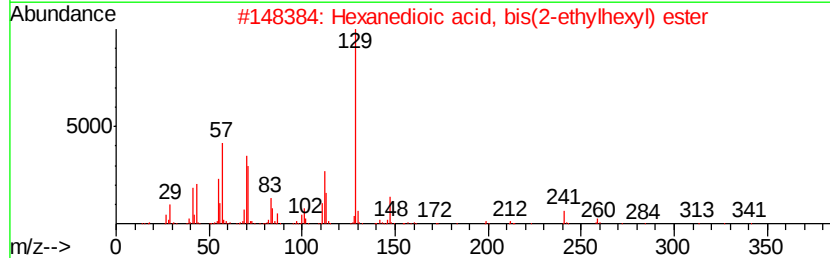
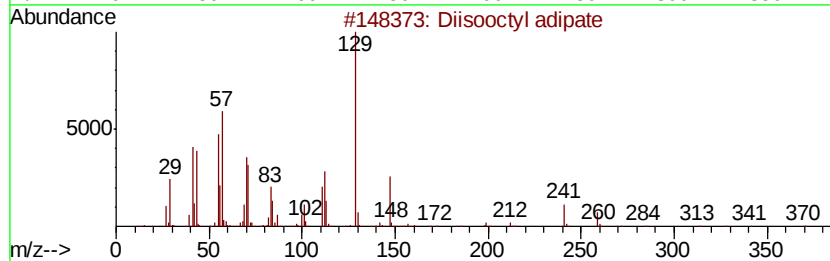
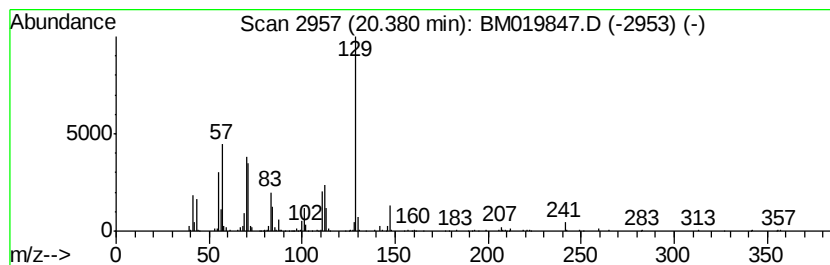
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Diisooctyl adipate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	4.65 ng/ul	458365	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diisooctyl adipate	370	C22H42O4	001330-86-5	91
2		Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
3		Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
4		Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	58
5		Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	52



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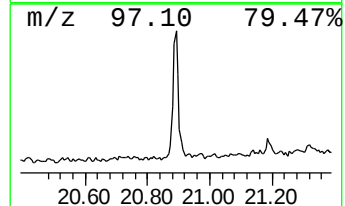
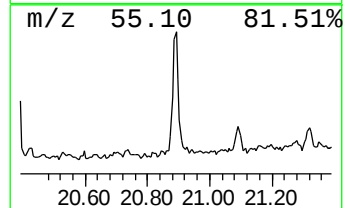
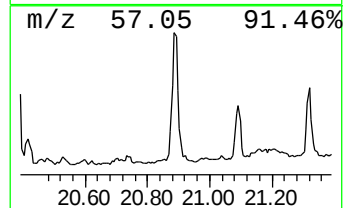
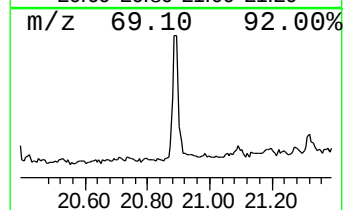
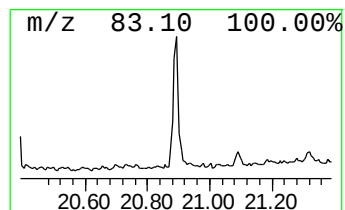
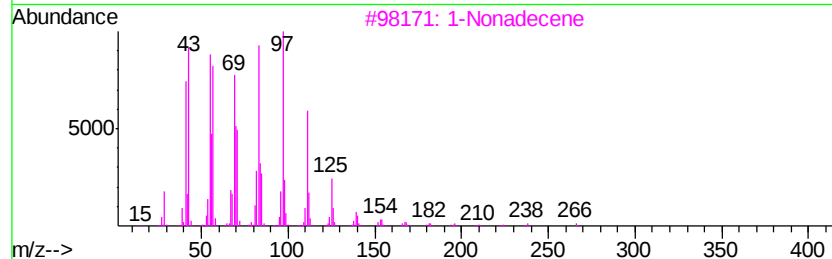
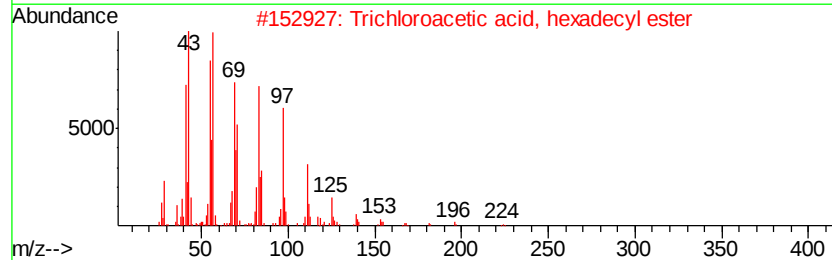
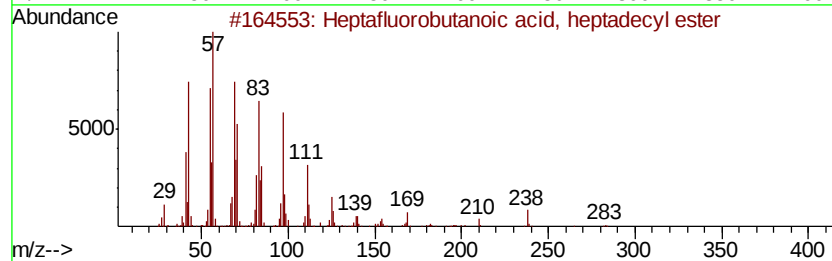
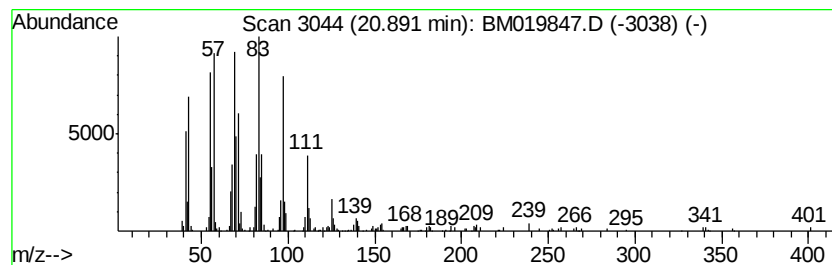
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptafluorobutanoic acid, h... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.21 ng/ul	414895	Chrysene-d12	21.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3		1-Nonadecene	266	C19H38	018435-45-5	89
4		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	87
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019847.D
Acq On : 10 Apr 2019 02:41
Operator : JU/SJ
Sample : K2304-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

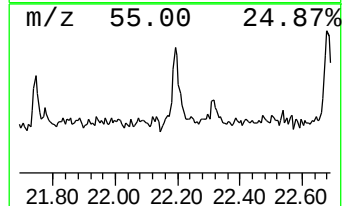
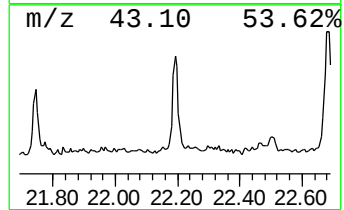
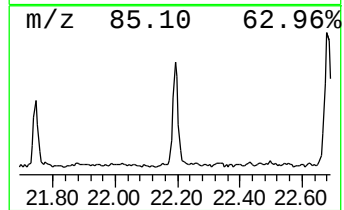
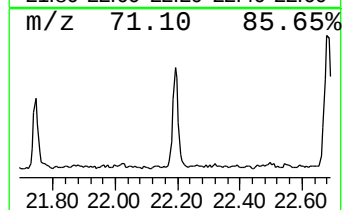
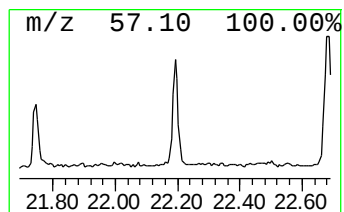
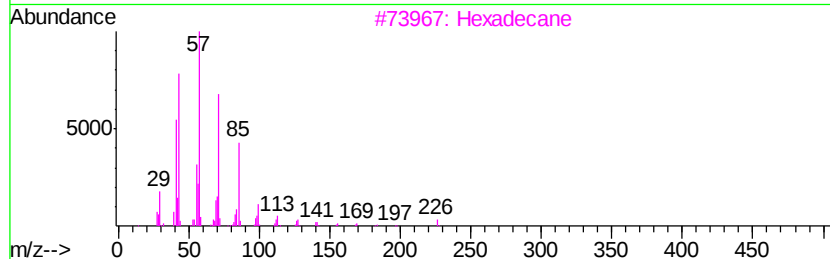
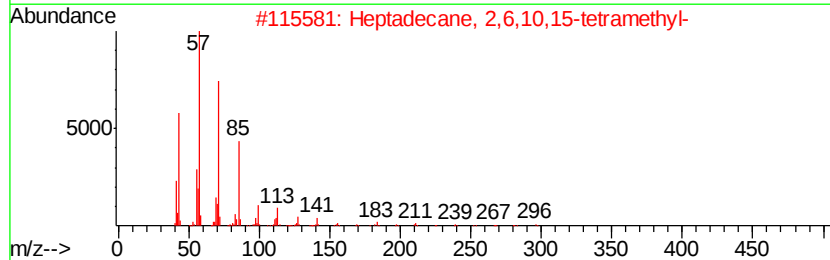
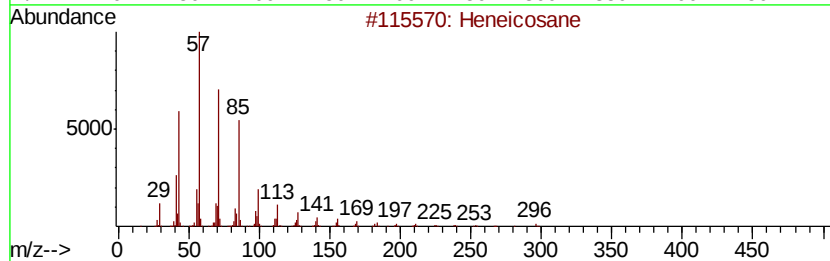
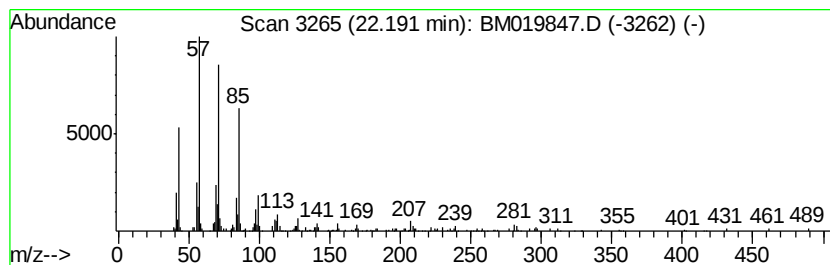
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.19	2.49 ng/ul	245102	Chrysene-d12	21.19	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	89
3	Hexadecane	226	C16H34	000544-76-3	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019847.D
Acq On : 10 Apr 2019 02:41
Operator : JU/SJ
Sample : K2304-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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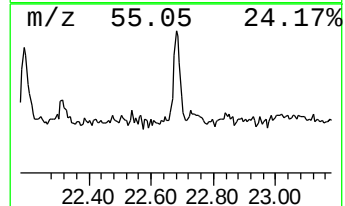
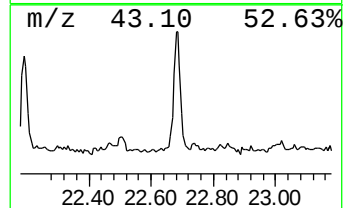
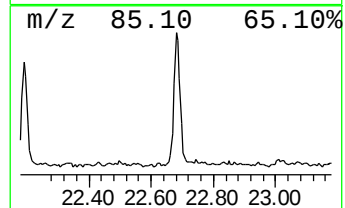
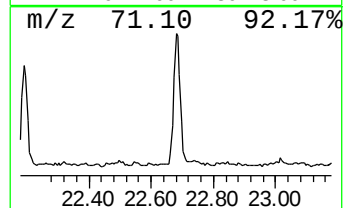
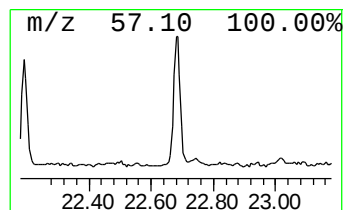
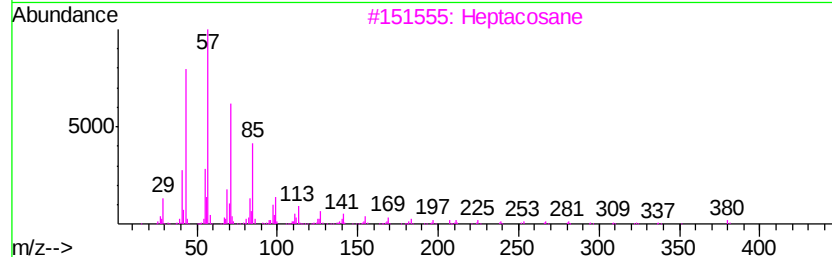
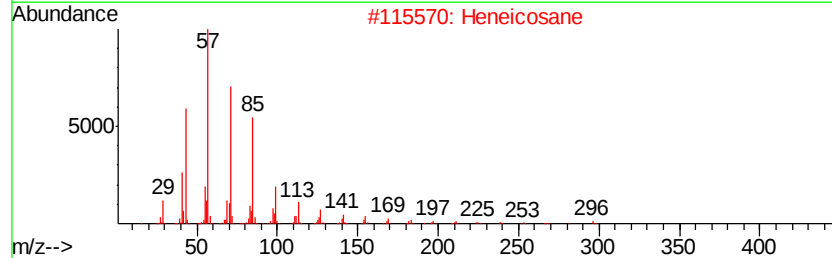
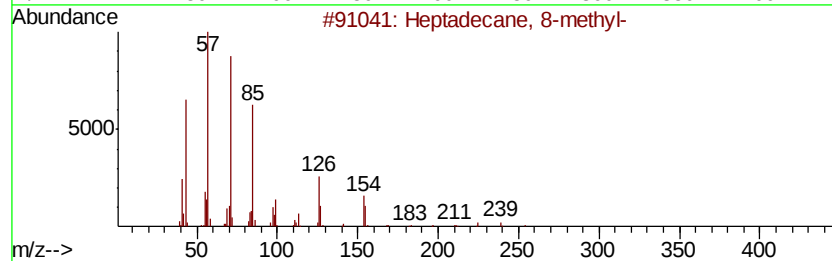
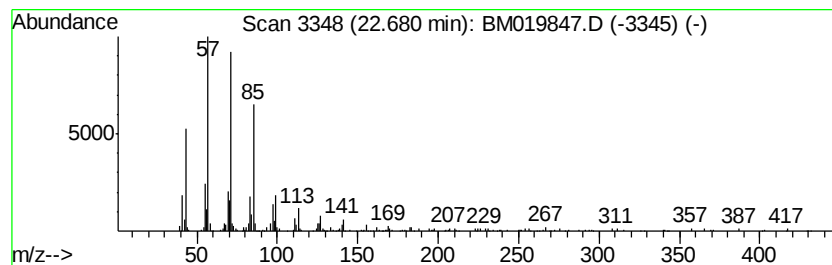
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	2.61 ng/ul	293485	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		10-Methylnonadecane	282	C20H42	056862-62-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019847.D
Acq On : 10 Apr 2019 02:41
Operator : JU/SJ
Sample : K2304-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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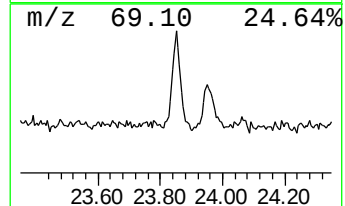
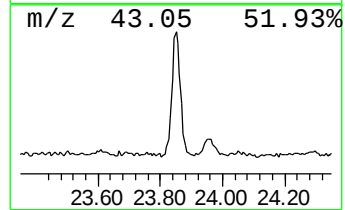
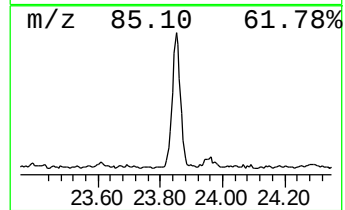
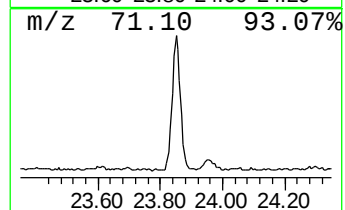
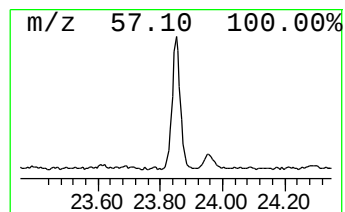
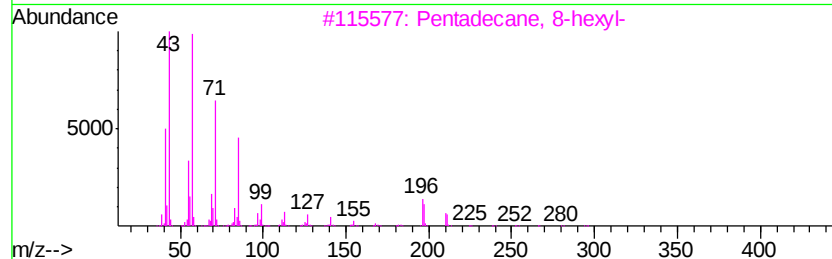
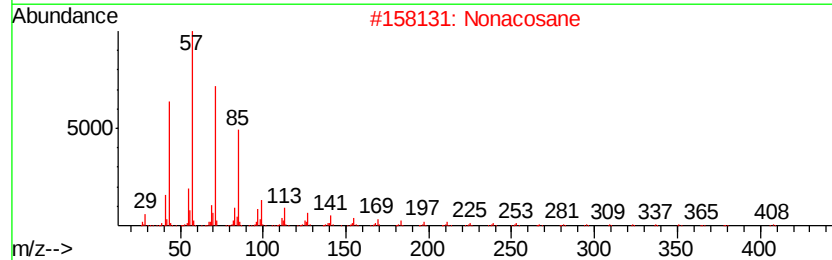
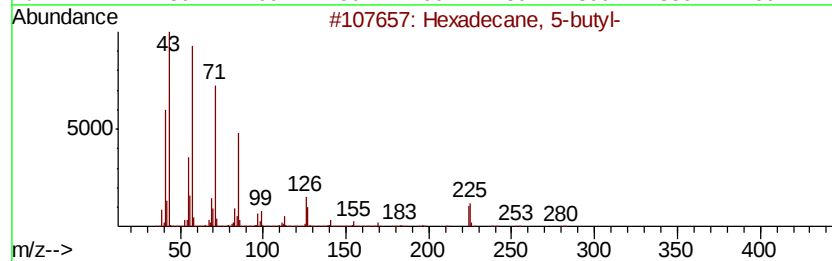
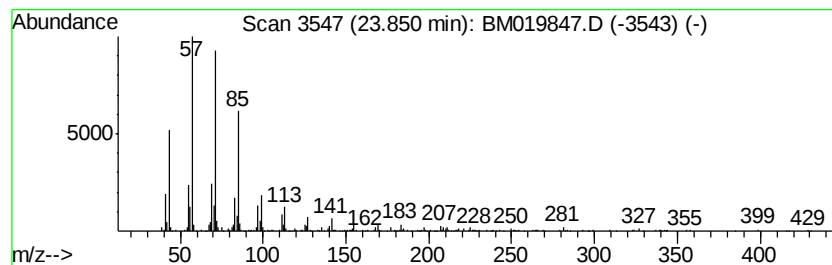
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	4.83 ng/ul	542824	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040919\
Data File : BM019847.D
Acq On : 10 Apr 2019 02:41
Operator : JU/SJ
Sample : K2304-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC51

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	4.5	ng/ul	362122	4	16.98	1593090	20.0
Octadecanoic acid	19.16	2.2	ng/ul	214379	5	21.19	1970640	20.0
Diisooctyl adipate	20.38	4.7	ng/ul	458365	5	21.19	1970640	20.0
Heptafluorobutano...	20.89	4.2	ng/ul	414895	5	21.19	1970640	20.0
(DEL) Alkane: Str...	22.19	2.5	ng/ul	245102	5	21.19	1970640	20.0
(DEL) Alkane: Str...	22.68	2.6	ng/ul	293485	6	23.39	2248520	20.0
(DEL) Alkane: Str...	23.85	4.8	ng/ul	542824	6	23.39	2248520	20.0